PERKINS EASTMAN
Human by Design

JONATHAN CECI LANDSCAPE ARCHITECTS

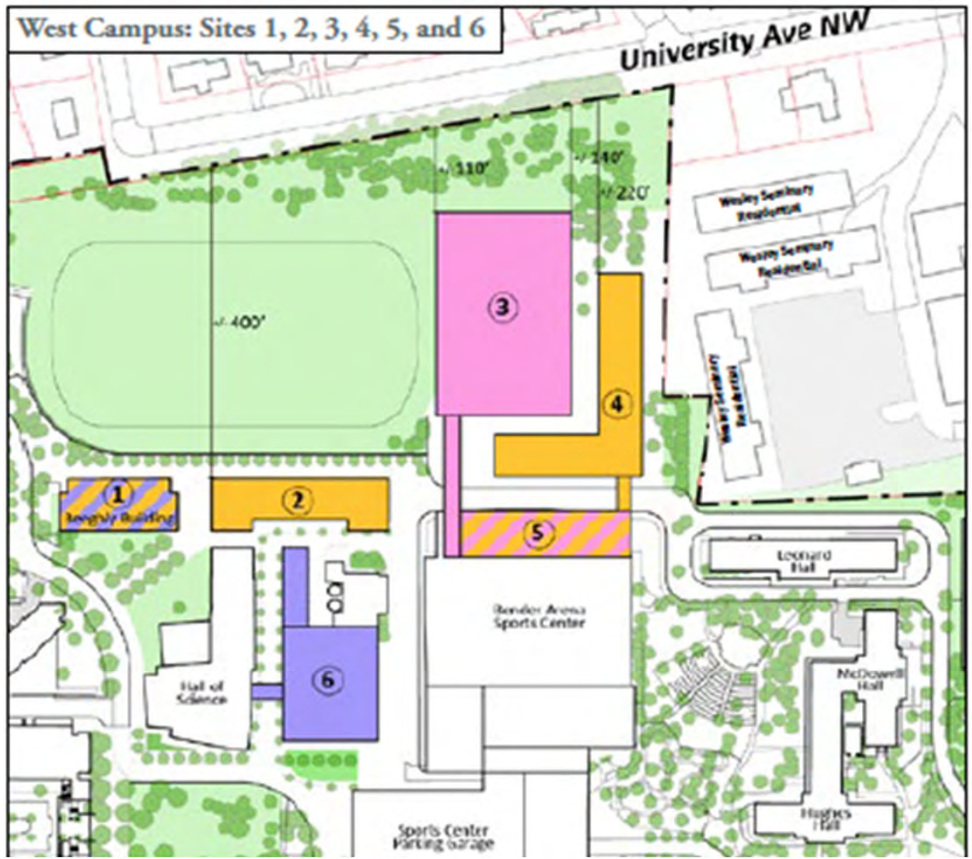
APRIL 04, 2023

THE ALAN AND AMY MELTZER CENTER FOR ATHLETIC PERFORMANCE (MELTZER CENTER) AND SPORTS CENTER ANNEX (SCAN)

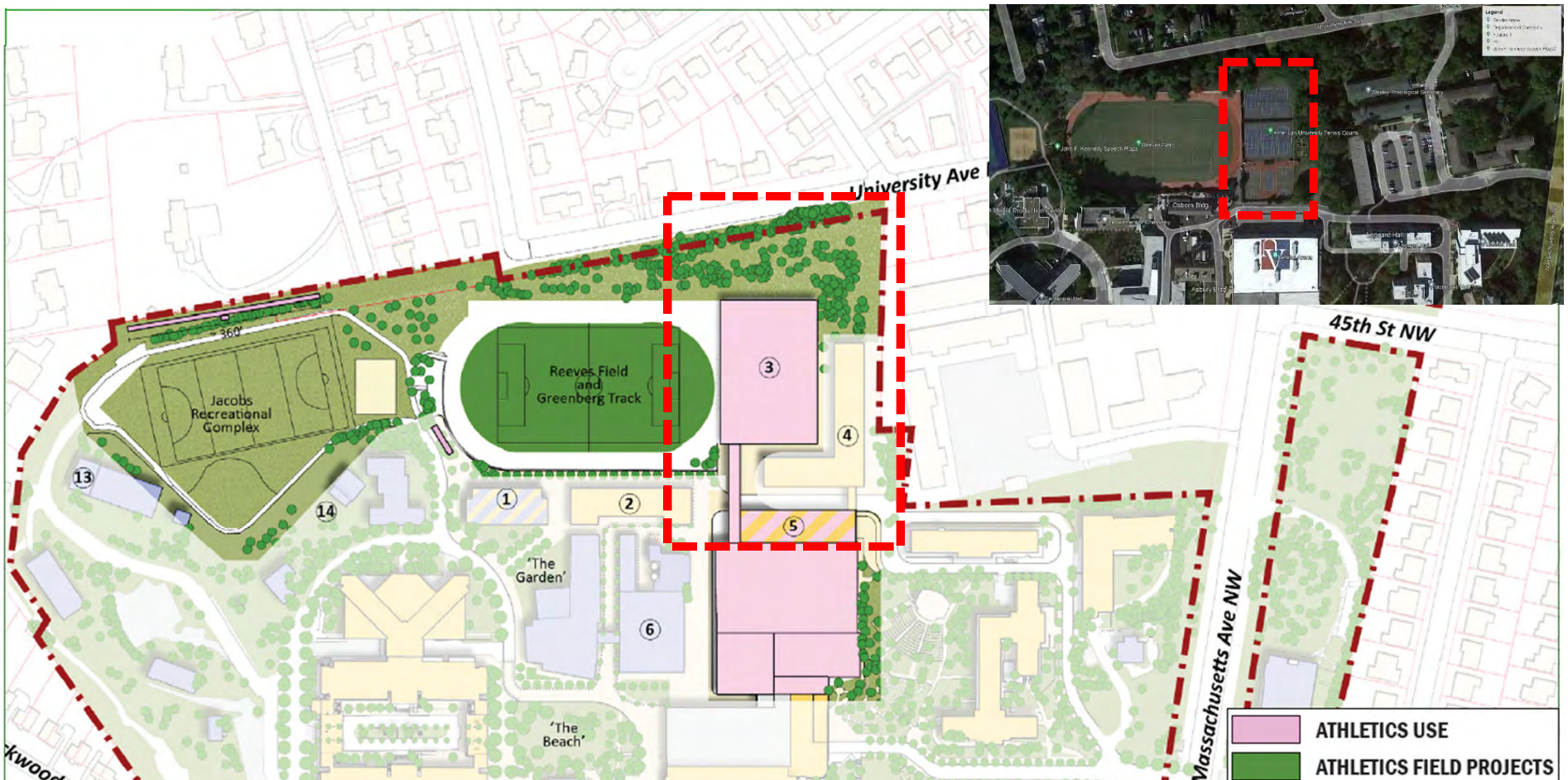
INDEX

CAMPUS PLAN 2021

AMERICAN UNIVERSITY 2021 CAMPUS PLAN – APPROVED WEST CAMPUS



MELTZER CENTER/SCAN PROJECT AREA – 2021 CAMPUS PLAN



ZONING AND SETBACK ANALYSIS

*APPROVED CAMPUS PLAN VS. SMALLER PROPOSED PLAN

MELTZER CENTER

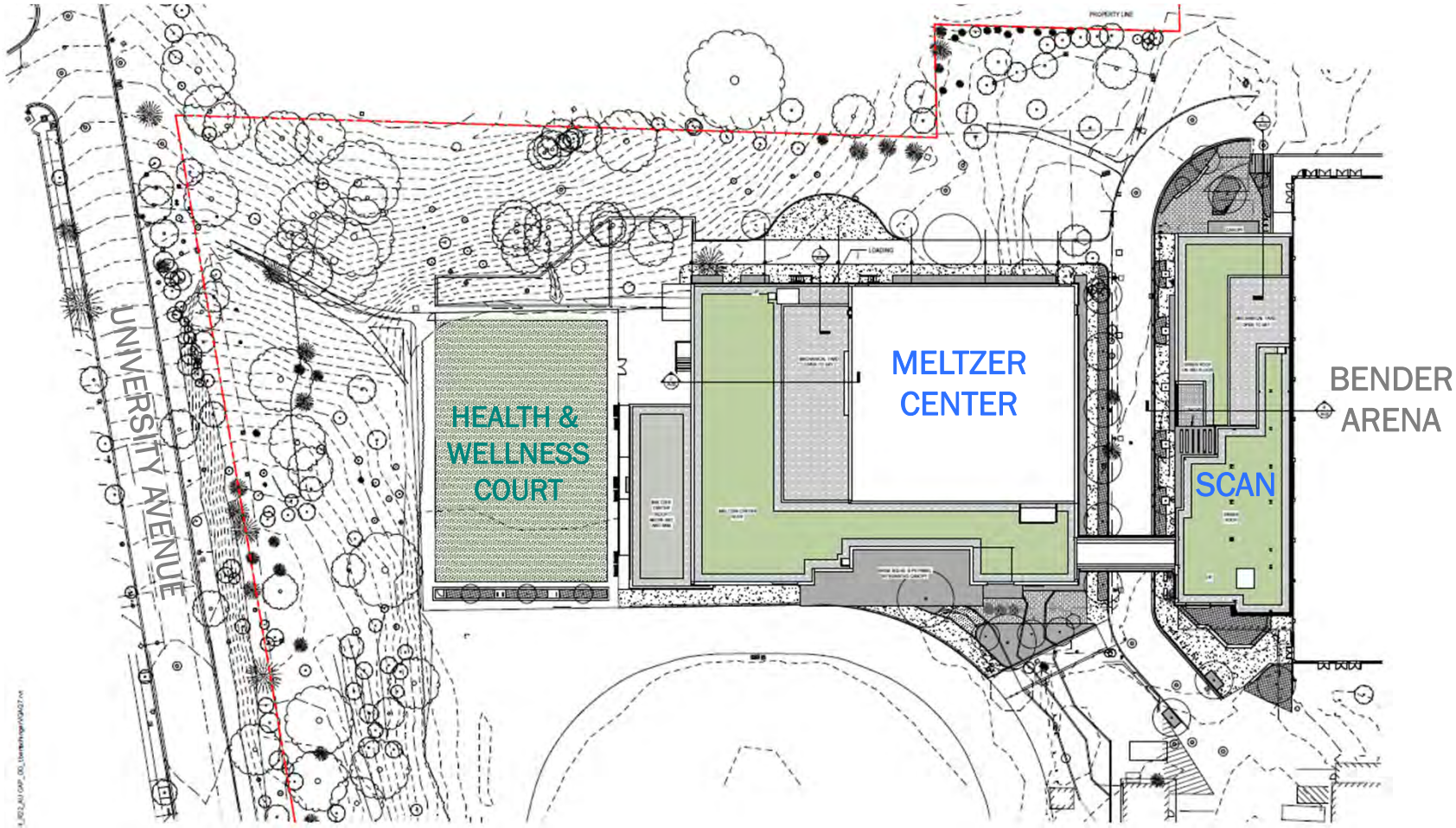
	*APPROVED Campus Plan- Meltzer Center	PROPOSED Meltzer Center
Length	266’	237’
Width	180’	160’
Height	3 Stories (Up to 60’)	52’
Size (GFA)	75,000 GFA	54,018 GFA
Closest Distance to Univ. Ave.	110’	180’-200’

SCAN

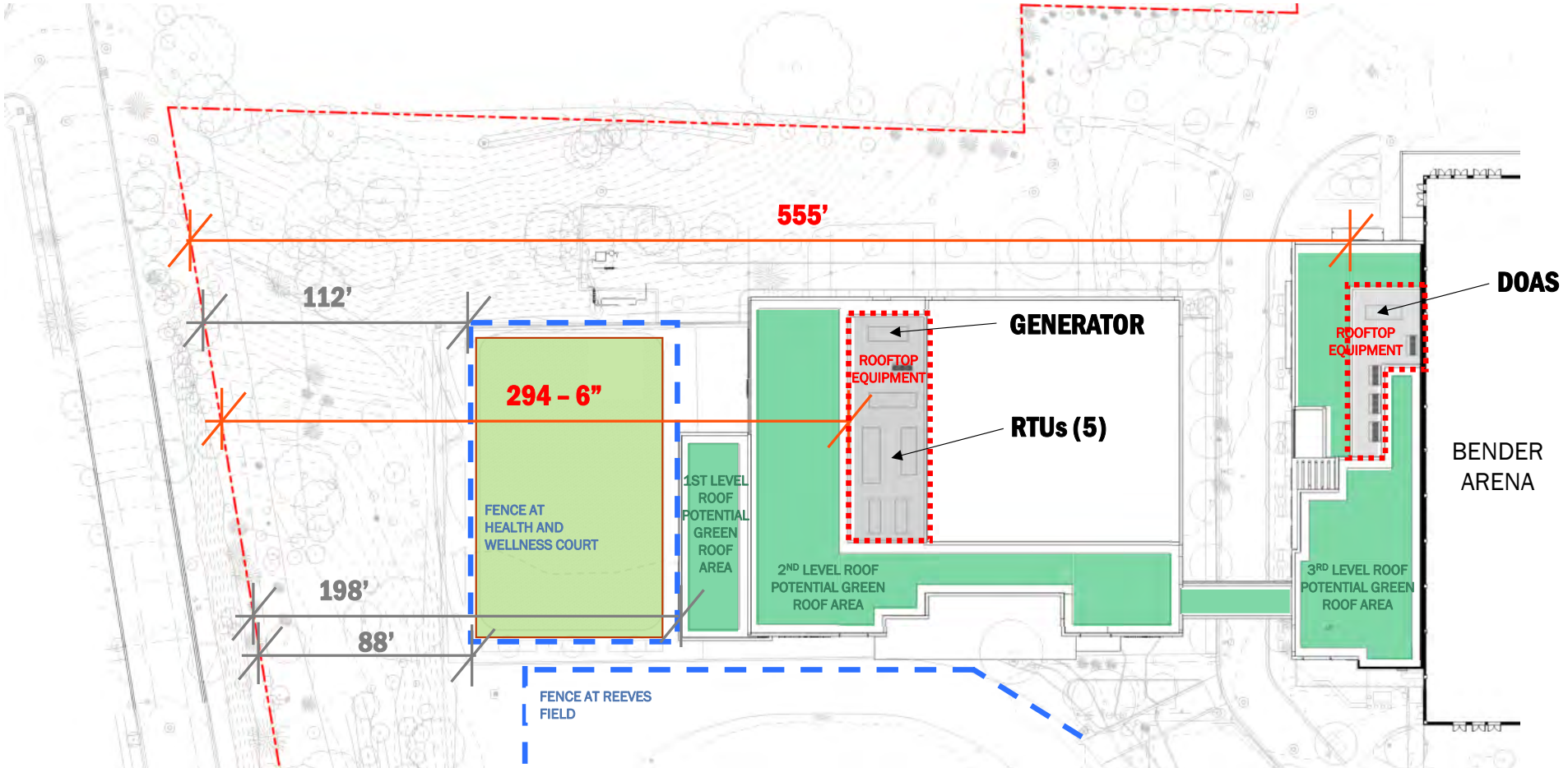
	*APPROVED Campus Plan- SCAN	PROPOSED SCAN
Length	236’	208’
Width	40’	40’
Height	5 Stories (up to 60’)	52’
Size (GFA)	55,000 GFA	33,111 GFA

*Per approved Campus Plan: Final lengths and widths to be determined as part of Further Processing.

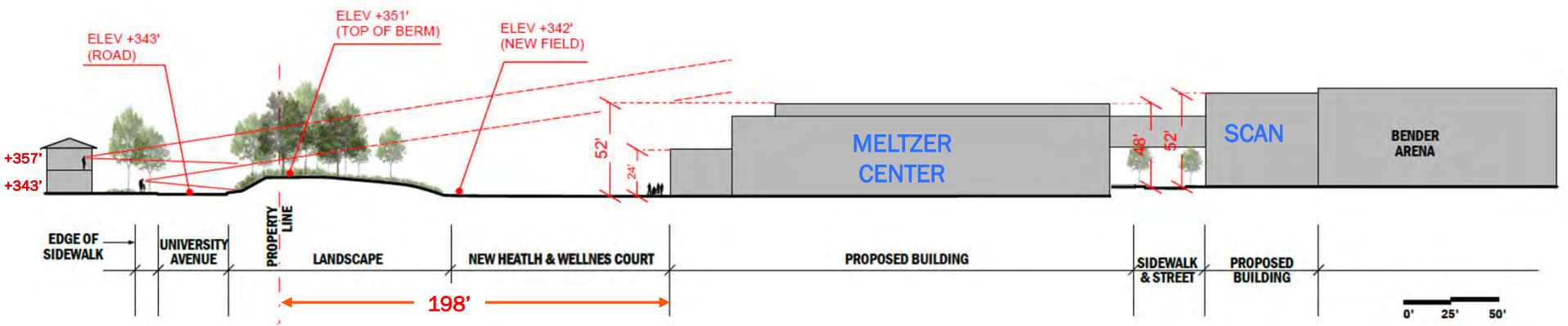
MELTZER CENTER/ SCAN PROJECT – PROPOSED SITE PLAN

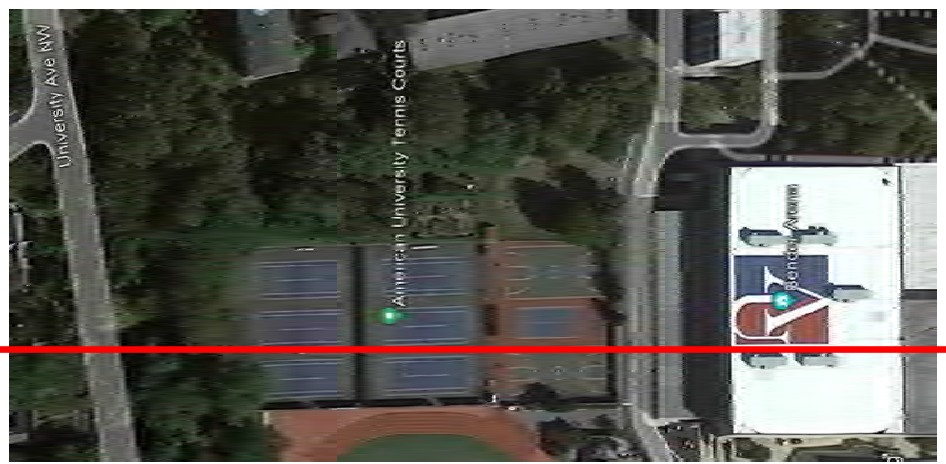


MELTZER CENTER/SCAN PROJECT – PROPOSED MECH. EQUIP. DIAGRAM



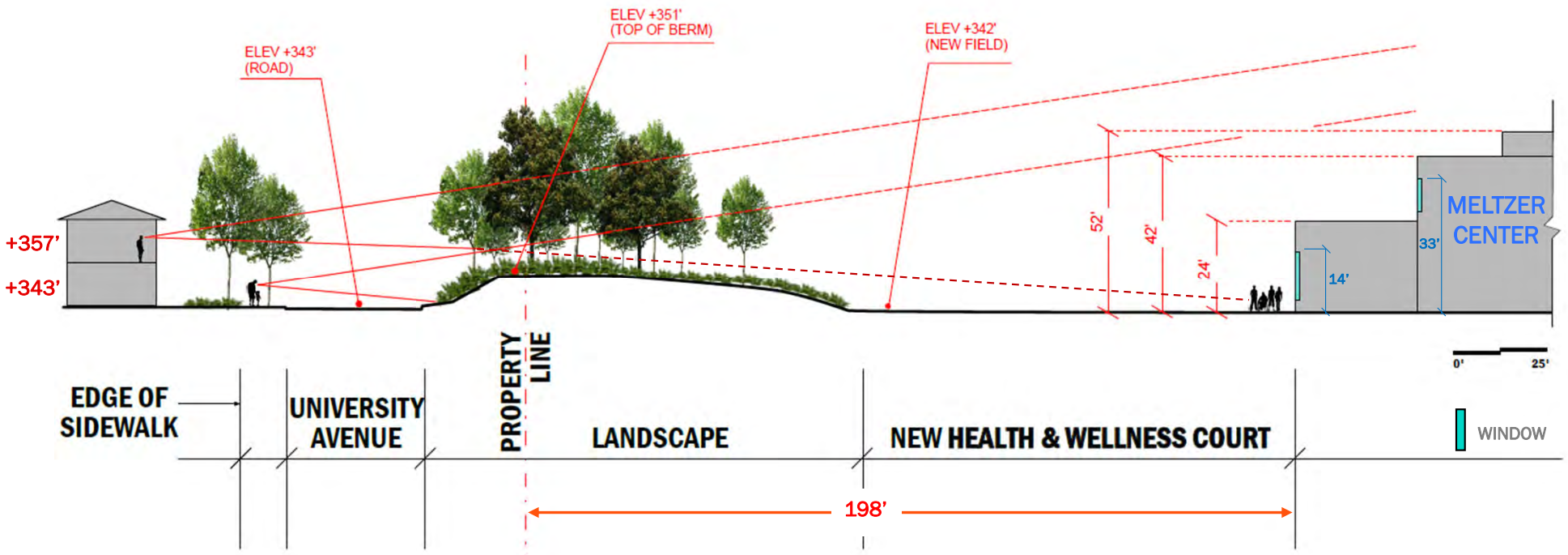
MELTZER CENTER/ SCAN PROJECT – SITE SECTION @ UNIV. AVE.





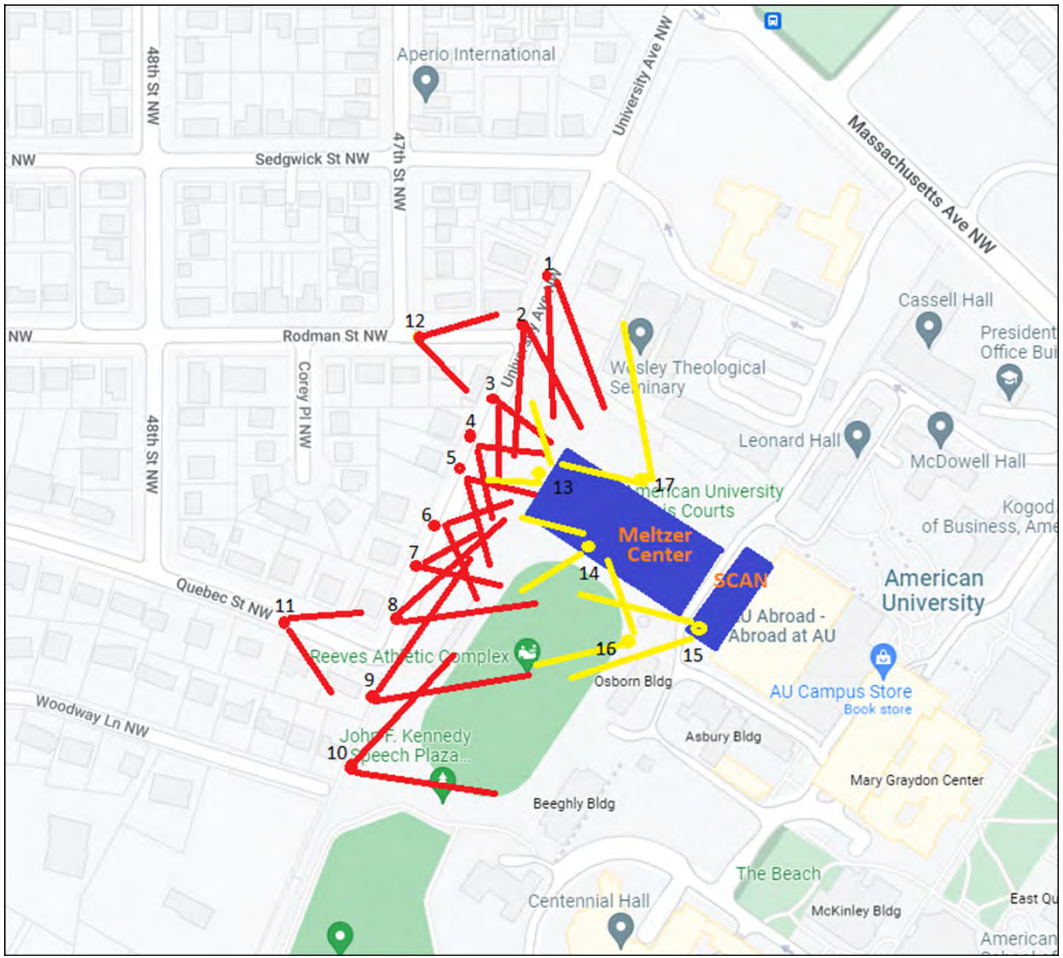
KEY PLAN

MELTZER CENTER/ SCAN PROJECT – SITE SECTION DETAIL



GEO-IMAGING

MELTZER CENTER/ SCAN PROJECT – GEO-IMAGING



MELTZER CENTER/SCAN PROJECT – GEO-IMAGING

View 1 - Existing

View 1 – With New Building

MELTZER CENTER/SCAN PROJECT – GEO-IMAGING

View 2 - Existing

View 2 – With New Building

MELTZER CENTER/SCAN PROJECT – GEO-IMAGING

View 3 - Existing

View 3 – With New Building

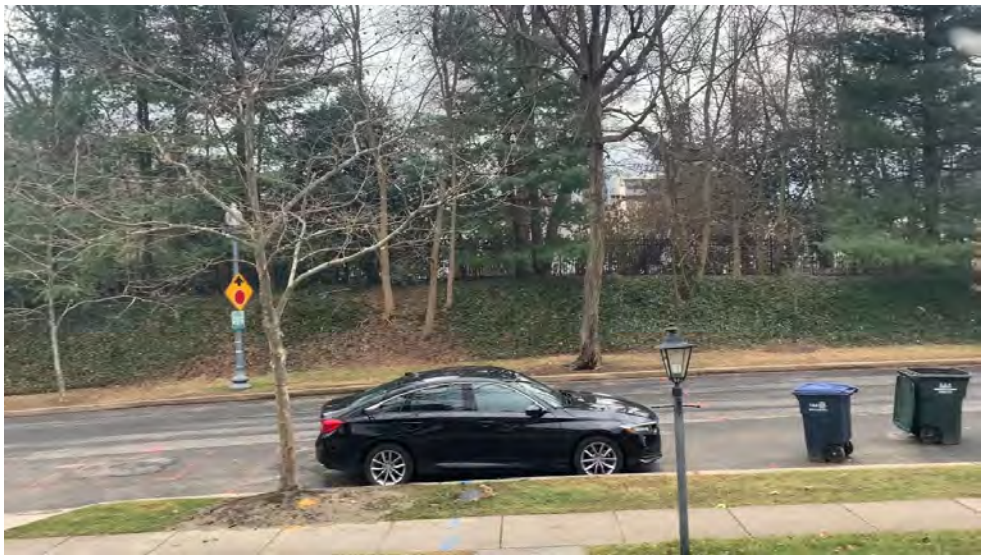
MELTZER CENTER/SCAN PROJECT – GEO-IMAGING

View 4 - Existing

View 4 – With New Building

MELTZER CENTER/SCAN PROJECT – GEO-IMAGING

View 5 - Existing



View 5 – With New Building

MELTZER CENTER/SCAN PROJECT – GEO-IMAGING

View 6 - Existing

View 6 – With New Building

MELTZER CENTER/SCAN PROJECT – GEO-IMAGING

View 7 - Existing

View 7 – With New Building

MELTZER CENTER/SCAN PROJECT – GEO-IMAGING

View 8 - Existing

View 8 – With New Building

MELTZER CENTER/SCAN PROJECT – GEO-IMAGING

View 9 - Existing

View 9 – With New Building

MELTZER CENTER/SCAN PROJECT – GEO-IMAGING

View 10 - Existing

View 10 – With New Building

MELTZER CENTER/ SCAN PROJECT – GEO-IMAGING

Views from an elevated point toward the AU Meltzer Center

View 11

View 12

MELTZER CENTER/ SCAN PROJECT – GEO-IMAGING

View from an elevated point looking towards University Avenue

View 13

MELTZER CENTER/ SCAN PROJECT – GEO-IMAGING

Views from site looking towards University Avenue

View 14

View 17

MELTZER CENTER/ SCAN PROJECT – GEO-IMAGING

View from an elevated point looking towards University Avenue

View 15

MELTZER CENTER/ SCAN PROJECT – GEO-IMAGING

View from ground level looking towards University Avenue

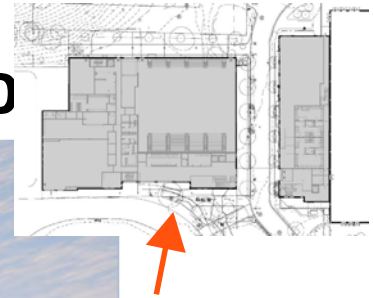
View 16

EXTERIOR RENDERINGS

MELTZER CENTER/SCAN – WEST VIEW FROM NEW PLAZA

This rendering may be updated in the future

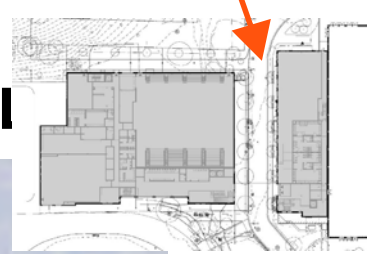
MELTZER CENTER/SCAN – WEST VIEW FROM REEVES FIELD



This rendering may be updated in the future

MELTZER CENTER/SCAN – NORTH VIEW FROM UNIVERSITY AV

MELTZER CENTER/SCAN – NORTH VIEW FROM NEW SERVICE AI

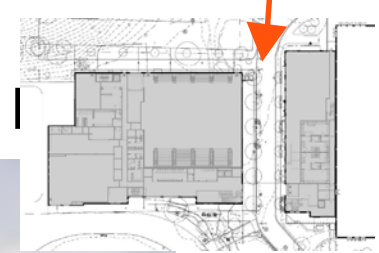


This rendering may be updated in the future

MELTZER CENTER/SCAN – SOUTH VIEW FROM SCAN

This rendering may be updated in the future

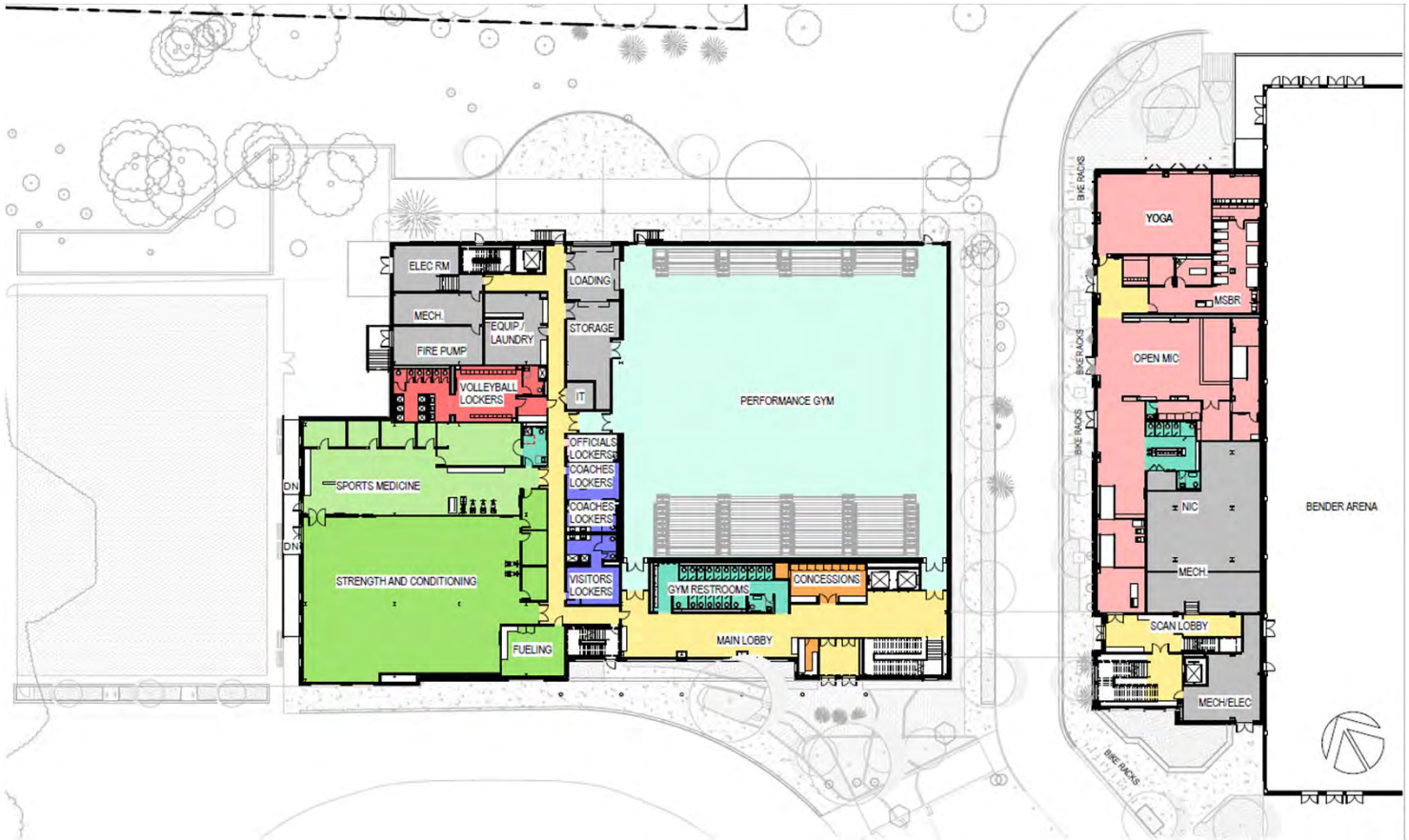
MELTZER CENTER/SCAN – EAST VIEW FROM EXISTING SERVICE



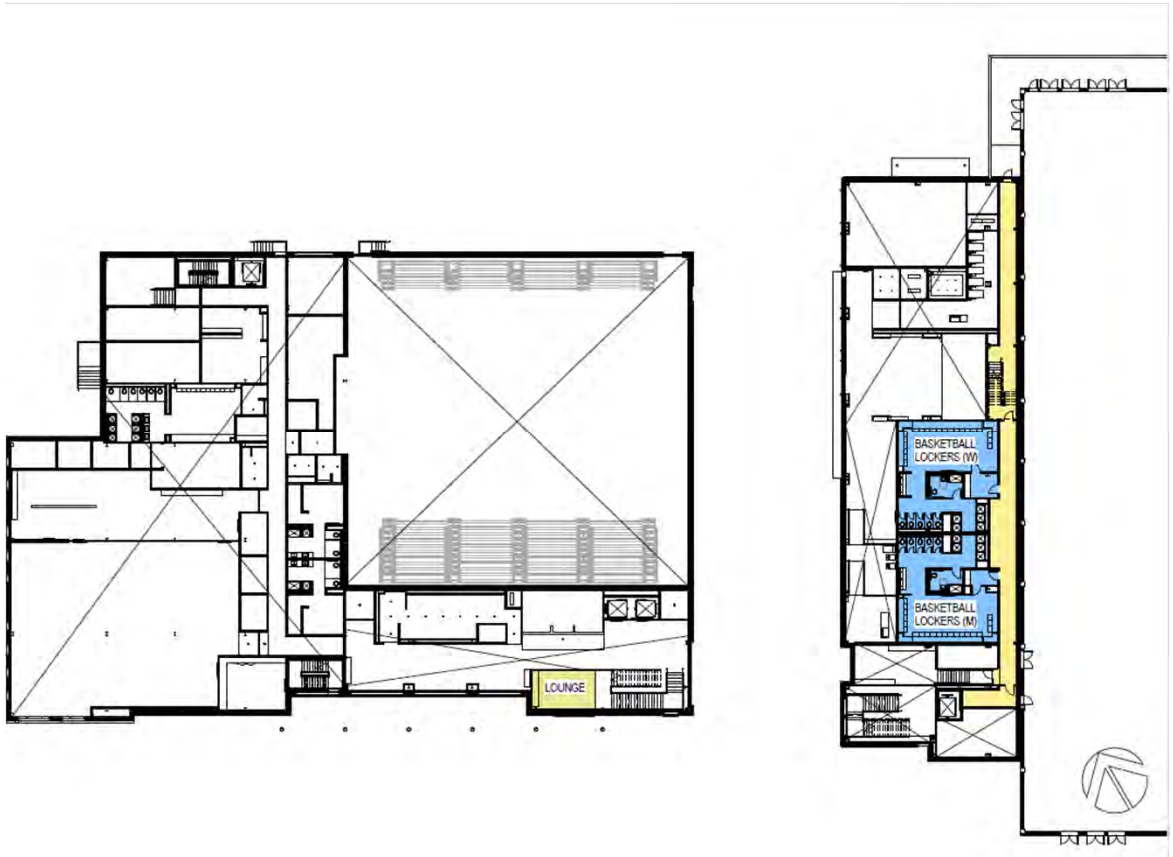
This rendering will be updated in the future

INTERIOR FLOOR PLANS

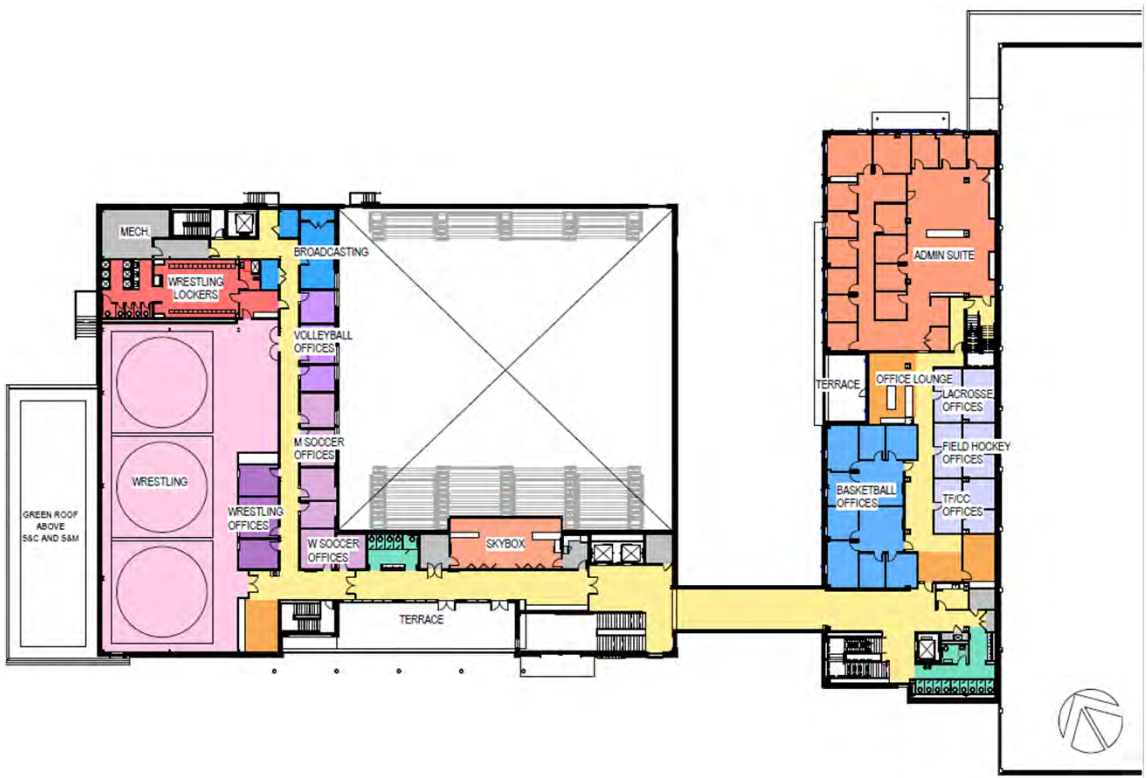
MELTZER CENTER/ SCAN PROJECT – BUILDING PLANS, FIRST LEVEL



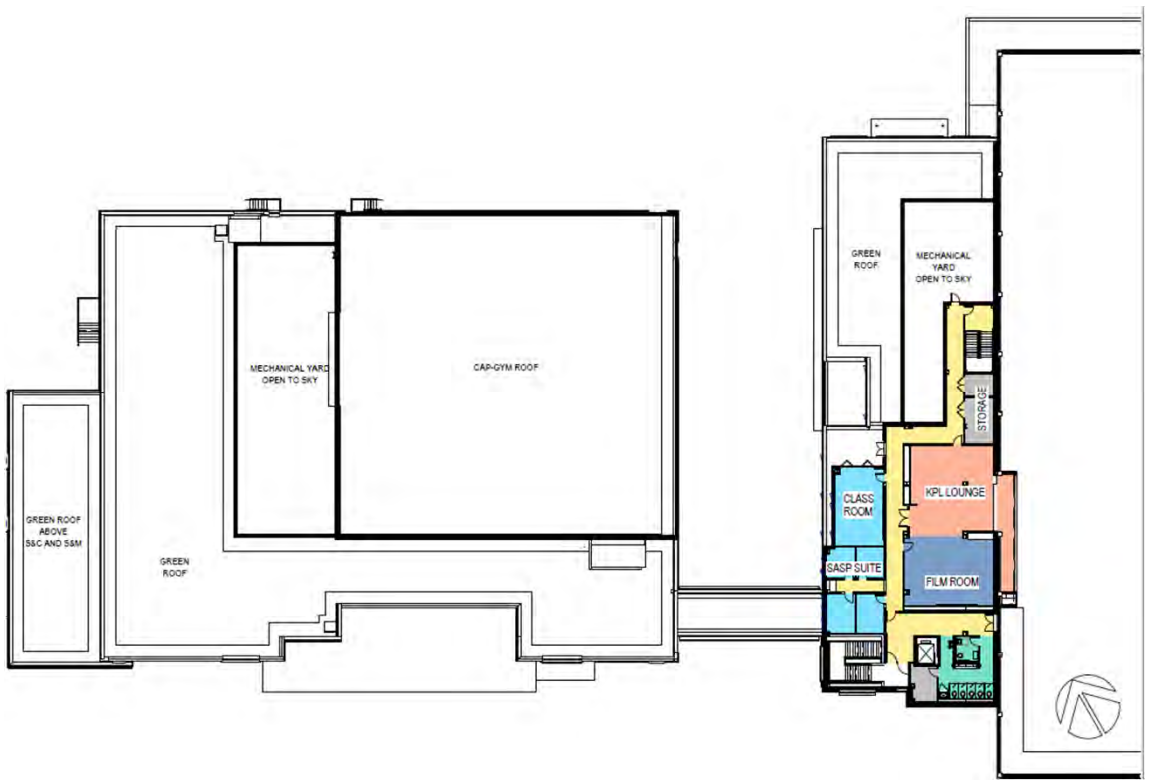
MELTZER CENTER/ SCAN PROJECT – BUILDING PLANS, MEZZANINE LEVEL



MELTZER CENTER/ SCAN PROJECT – BUILDING PLANS, 2ND LEVEL



MELTZER CENTER/ SCAN PROJECT – BUILDING PLANS, 3RD LEVEL



LANDSCAPE PLAN

MELTZER CENTER/ SCAN PROJECT – PROPOSED LANDSCAPE PLAN

PLANT BUFFER DESIGN

Each of the following planting approaches suggests a different palette of plant species based on anticipated growing conditions and microclimates:

Approach #1 – The Evergreen Windbreak

- Primary Benefit: May allow for the eventual maturation of a solid evergreen plant screen.
- Key Considerations: May require clear cutting areas of existing deciduous plantings, in order to create the growing conditions that are suitable for a robust evergreen screen, and the resultant screening may not appear very continuous in the early years after planting.

Approach #2 – The Woodland Understory

- Primary Benefit: Celebrates the existing woodland character of this campus edge by leaving much of the existing planting intact but with selective infill of evergreen understory specimens to densify the visual screening.
- Key Considerations: May not result in a dense solid wall of green but instead leaves intact a mature buffer that provides psychological foregrounding and separation from the campus.

Approach #3 – A Hybrid Approach

- Primary Benefit: Combines aspects of the first two approaches by being more opportunistic in looking to create dense clusters of new evergreen plantings in gaps in the canopy or where existing trees are aging and/or structurally unsound.
- Key Considerations: May not yield a wall of green but may fill some of the existing gaps and windows while preserving a sense of maturity along this campus edge.

E = Evergreen, D = Deciduous

PLANTING TYPE I TREES

E

THUJA 'GREEN GIANT'

E

MAGNOLIA BRACKEN'S BROWN BEAUTY

E

ILEX X 'NELLIE STEVENS'

E

PICEA ORIENTALIS

PLANTING TYPE II SHRUBS

E

MYRICA PENSYLVANICA

E

VIBURNUM X PRAGENSE

D

HAMAMELIS VIRGINIANA

D

AESCULUS PARVIFLORA

PLANTING TYPE III SMALL SHRUBS

E

AZALEA 'AUTUMN EMBERS'

E

ILEX CRENATA

D

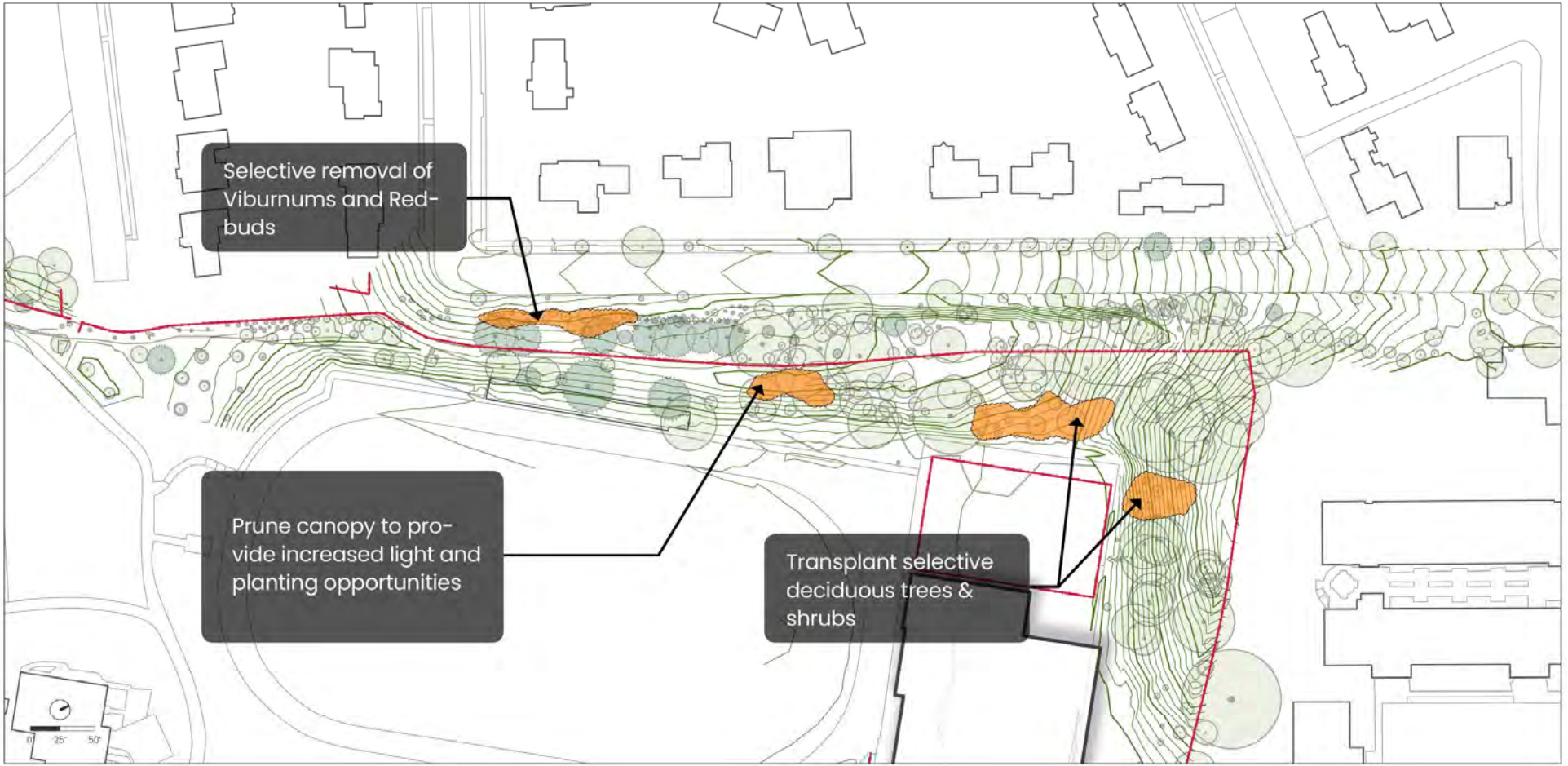
HYDRANGEA QUERCIFOLIA

D

FOTHERGILLA 'BLUE SHADOW'

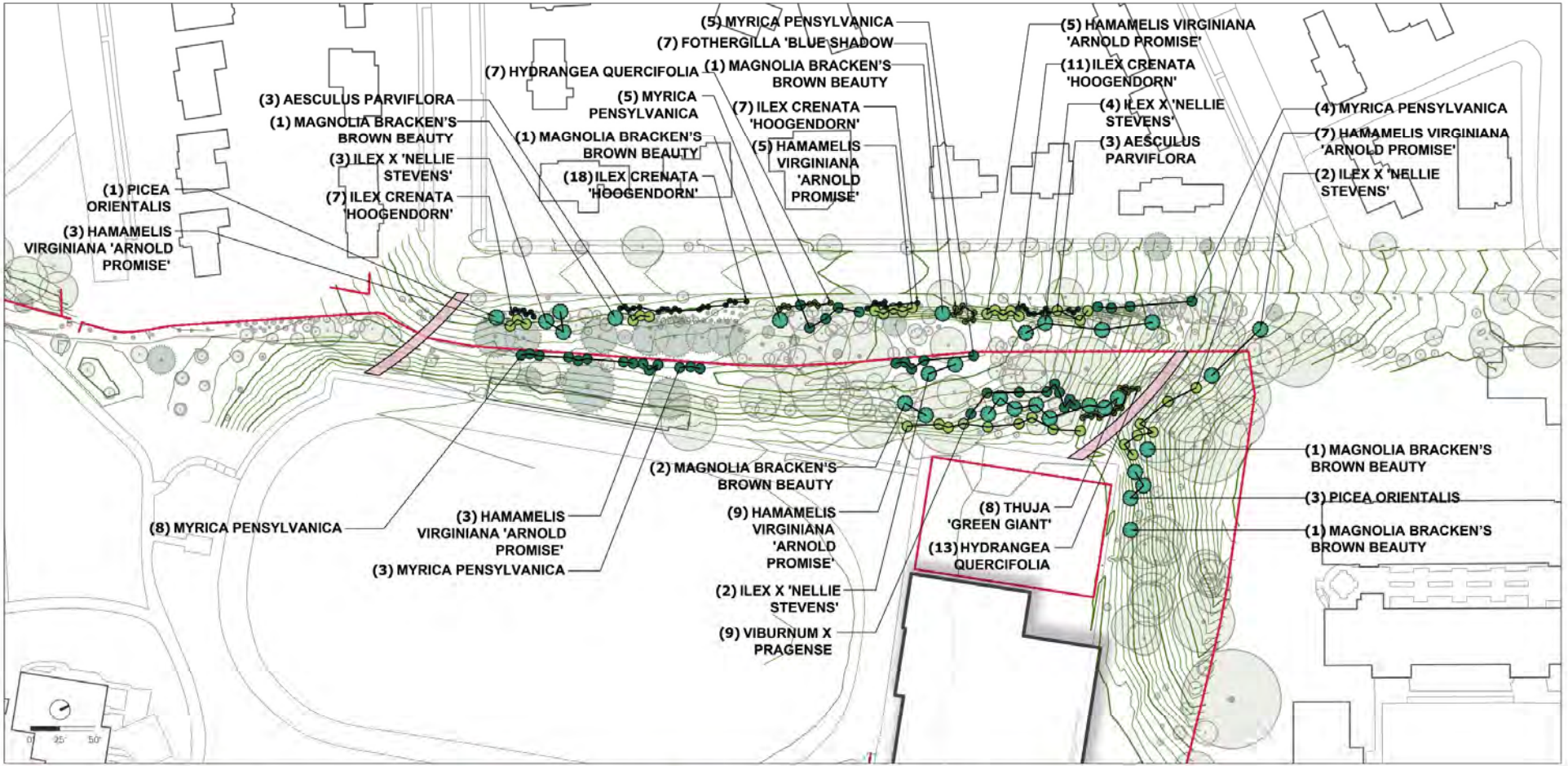
EXISTING CONDITION

DESIGNED TO SUPPLEMENT



SURGERY: REMOVAL, PRUNING AND TRANSPLANTING

DESIGNED TO SUPPLEMENT

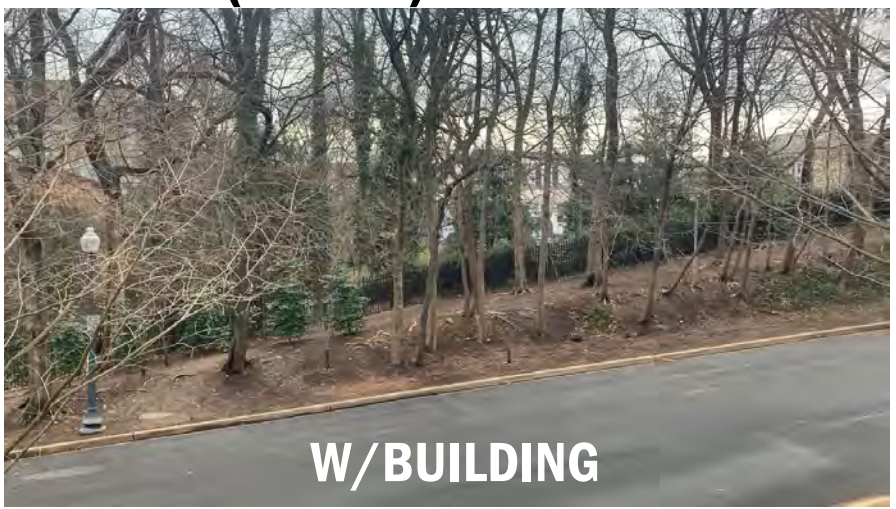


PLANTING PLAN

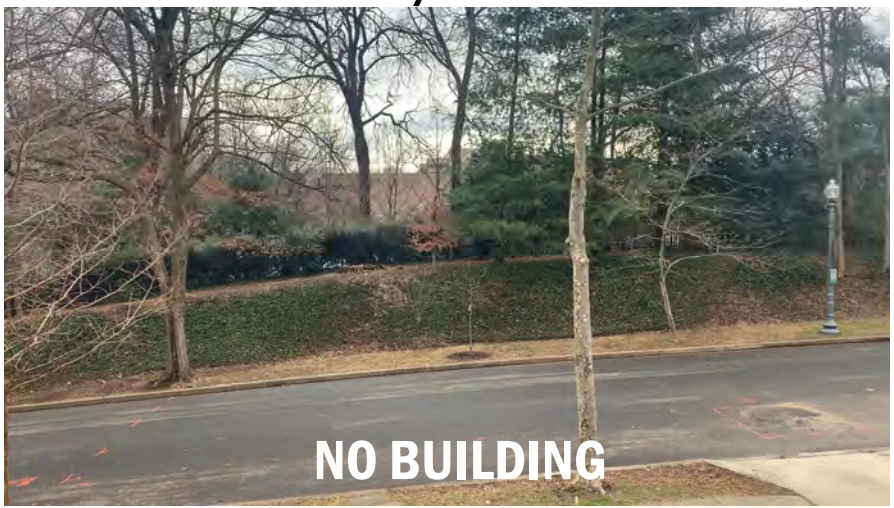
DESIGNED TO SUPPLEMENT

MELTZER CENTER/SCAN PROJECT – GEO-IMAGING (VIEW 2)

MELTZER CENTER/SCAN PROJECT – GEO-IMAGING (VIEW 3)



MELTZER CENTER/SCAN PROJECT – GEO-IMAGING (VIEW 4)

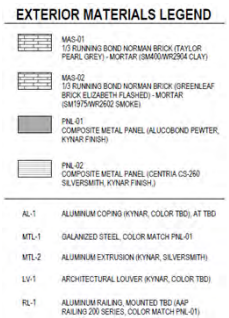


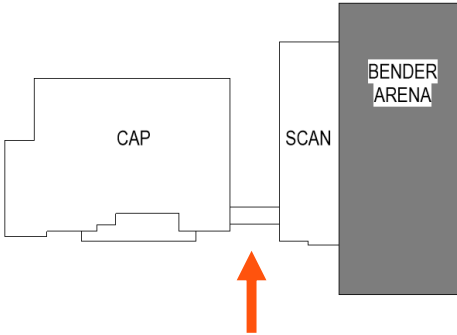
MELTZER CENTER/SCAN PROJECT – GEO-IMAGING (VIEW 6)

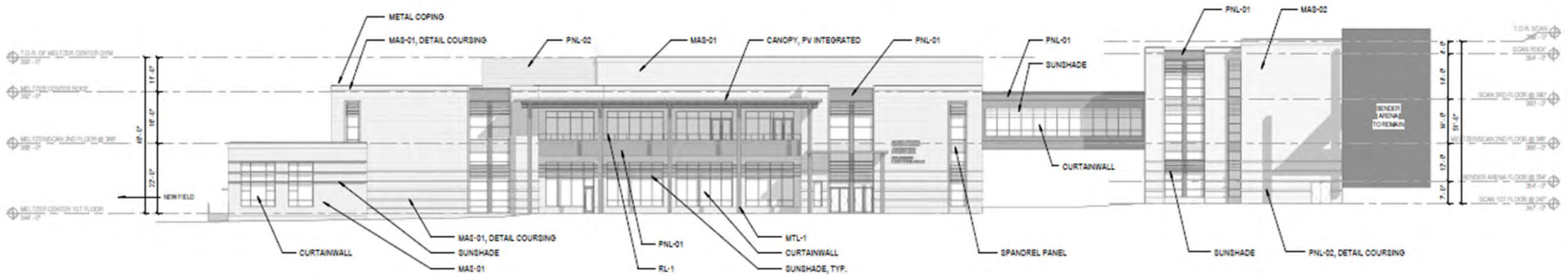
MELTZER CENTER/ SCAN PROJECT – GEO-IMAGING (VIEW 13)

EXTERIOR ELEVATIONS

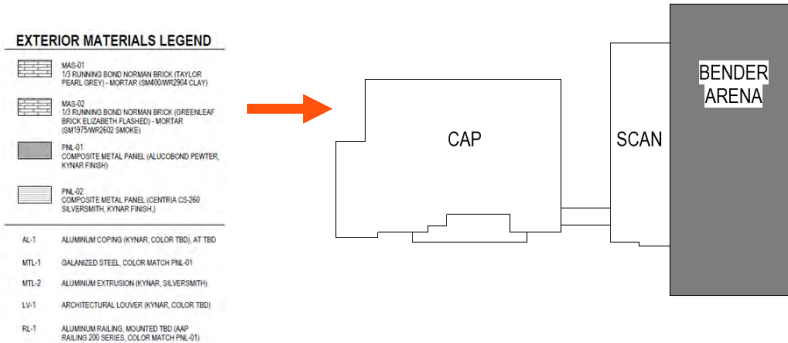
WEST ELEVATION: MELTZER CENTER/SCAN

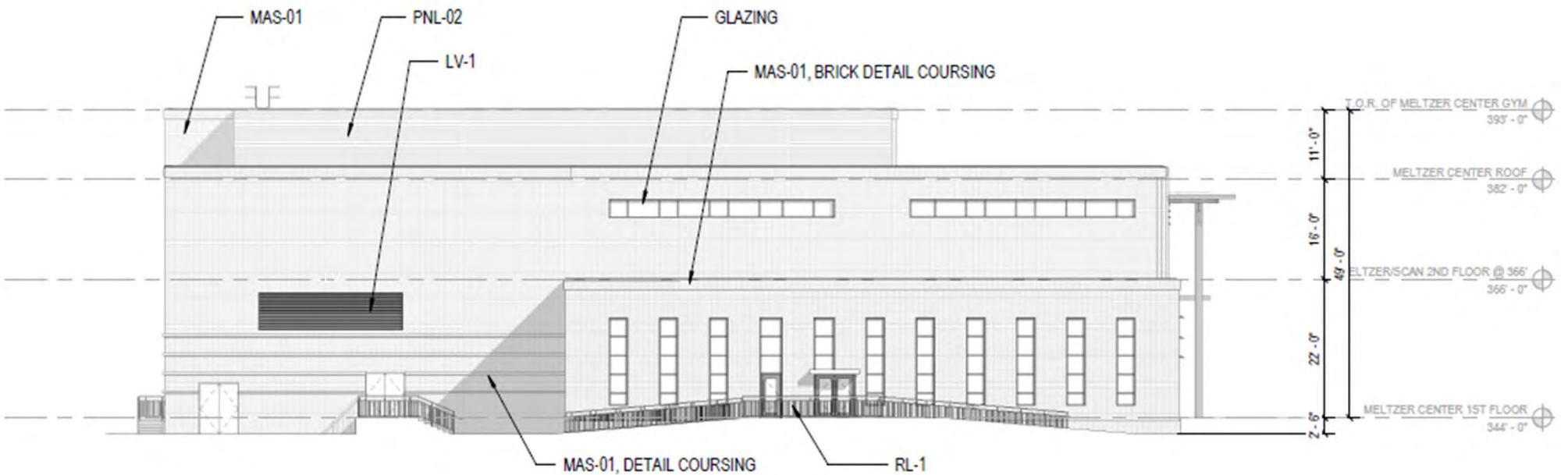




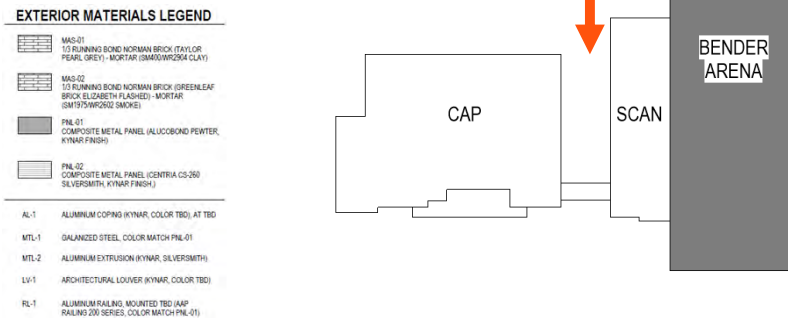


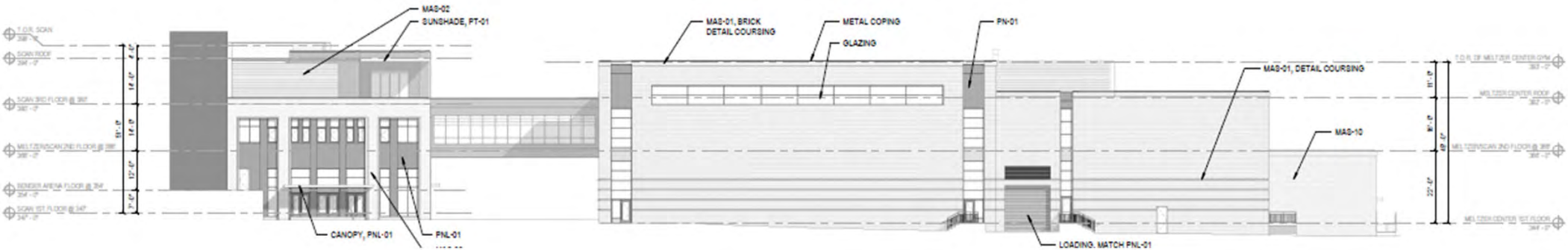
NORTH ELEVATION: MELTZER CENTER





EAST ELEVATION: MELTZER CENTER/SCAN





SOUTH ELEVATION: MELTZER CENTER